

REMARKS

Applicants believe no new matter has been introduced by the above amendments and respectfully request that the amendments be entered.

The specification is amended herein to correct minor typographical errors and to conform the specification to the drawings. The amendments, therefore, do not add new matter to the specification. Support is found in the specification as originally filed, e.g., on page 18, lines 1-2.

Claim 113 is amended herein to correct a typographical error regarding claim dependency and adds no new matter to the application.

The amendments to the drawings are made herein to correct minor errors in the original drawings. For example, in the legend for Figure 4, "R2A3-48" was changed to --A3-48/wt-p35-- and "Wt" was changed to --wt-p40/wt-p35--. Support for this correction is found in the specification as originally filed, e.g., at page 18, lines 19-21, in the original description of Figure 4. Similar changes were made to Figures 7 and 10, which are also supported in the descriptions of the Figures in the specification as originally filed, e.g., at page 19, lines 6-8 and line 21. In Figure 9, the X-axis label was changed from nanograms/ml to picograms/ml for easier readability and the numerical values were changed to correspond to the unit change. The label for the Y-axis was changed to read "IFN-gamma" because "gamma" was inadvertently obscured in the original drawings. Support is found, e.g., on page 20, line 6, describing Figure 13.

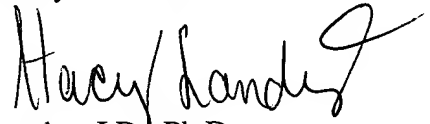
Therefore, no new matter is added to the specification by the new claims and Applicants respectfully request that the claims be entered.

CONCLUSION

In view of the foregoing, Applicants believe that no new matter has been introduced. Early examination on the merits is respectfully requested. If the Examiner believes a telephone conference would expedite prosecution of this application, please telephone the undersigned at 510-337-7871.

LAW OFFICES OF
JONATHAN ALAN QUINE
P.O. BOX 458
Alameda, CA 94501
(510) 337-7871
Fax (510) 337-7877

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Stacy Landry", with a stylized flourish at the end.

Stacy Landry, J.D., Ph.D.
Reg. No. 42,779

Marked up Copy Showing Claim Amendments

113. (Amended) The cell of claim [26] 112, wherein the cell expresses a polypeptide encoded by the nucleic acid.

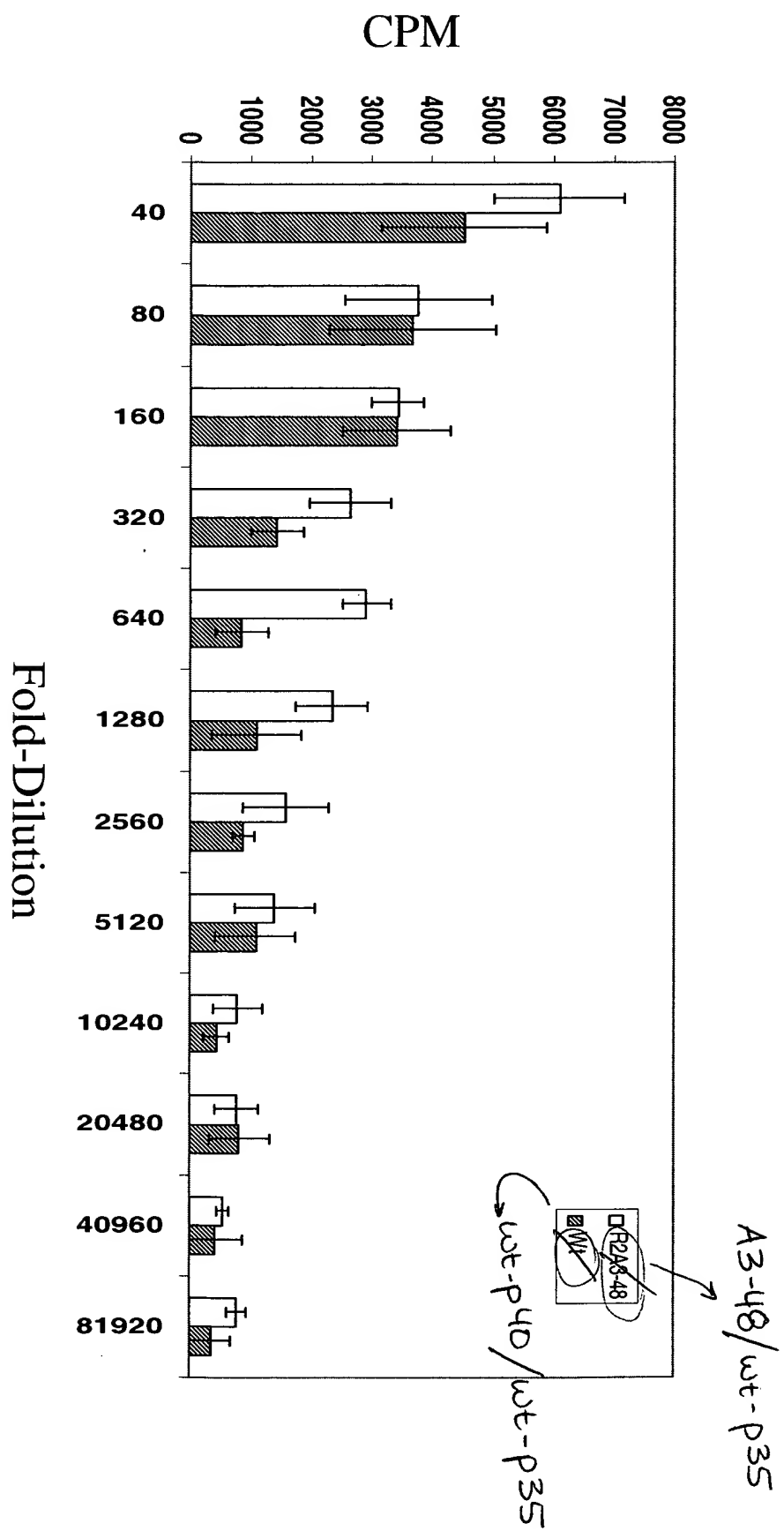


Fig. 4

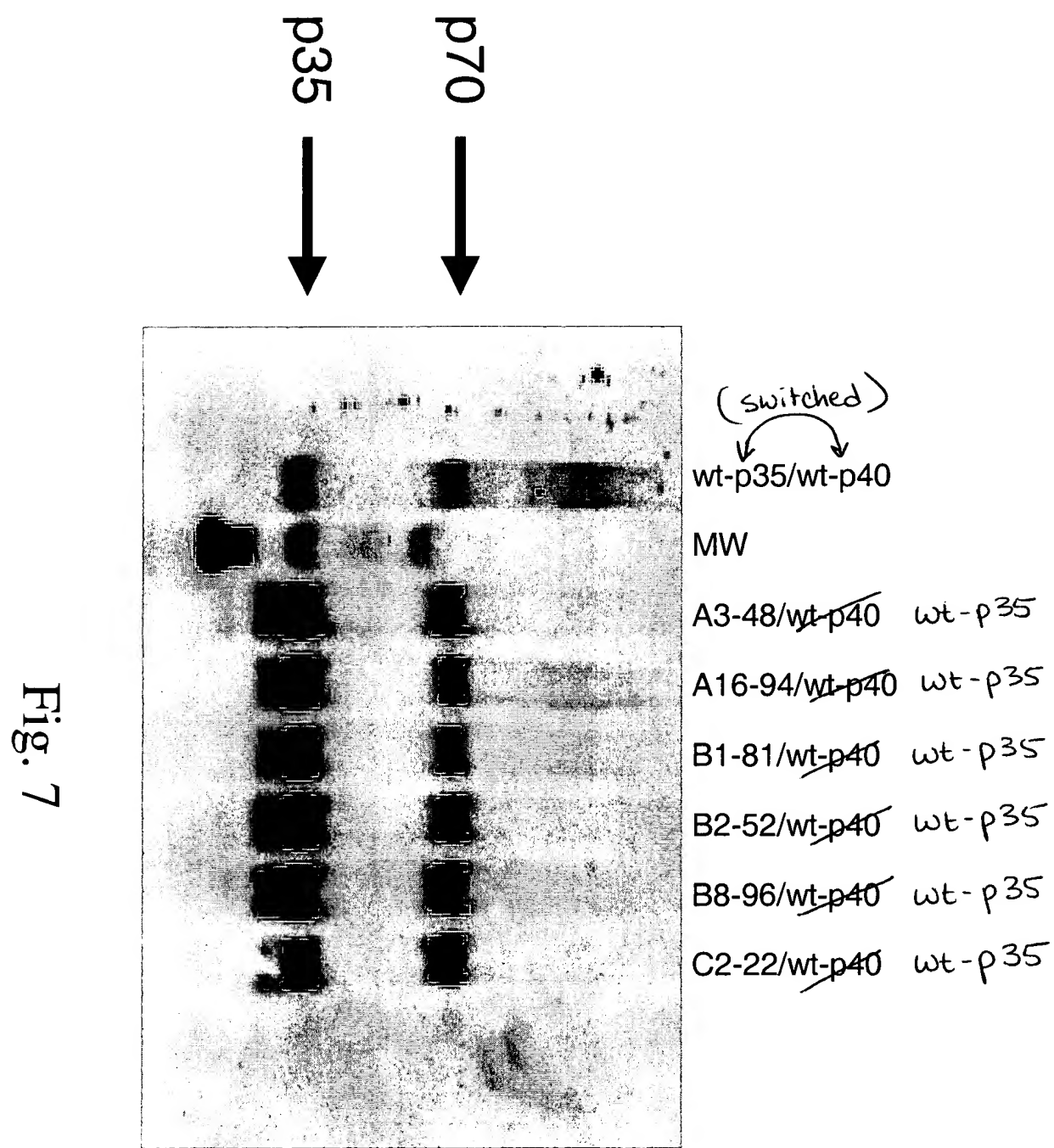


Fig. 7

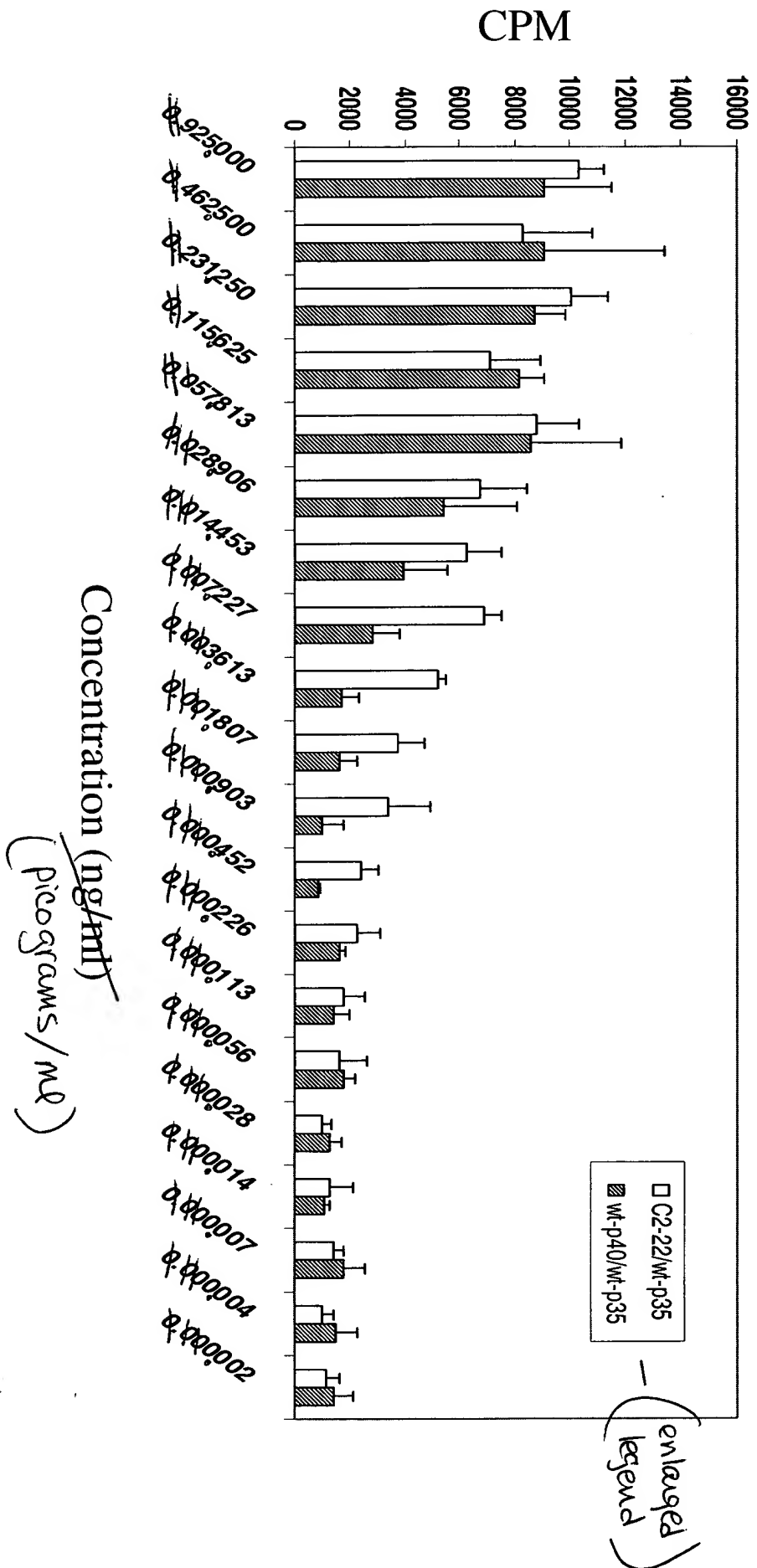


Fig. 9

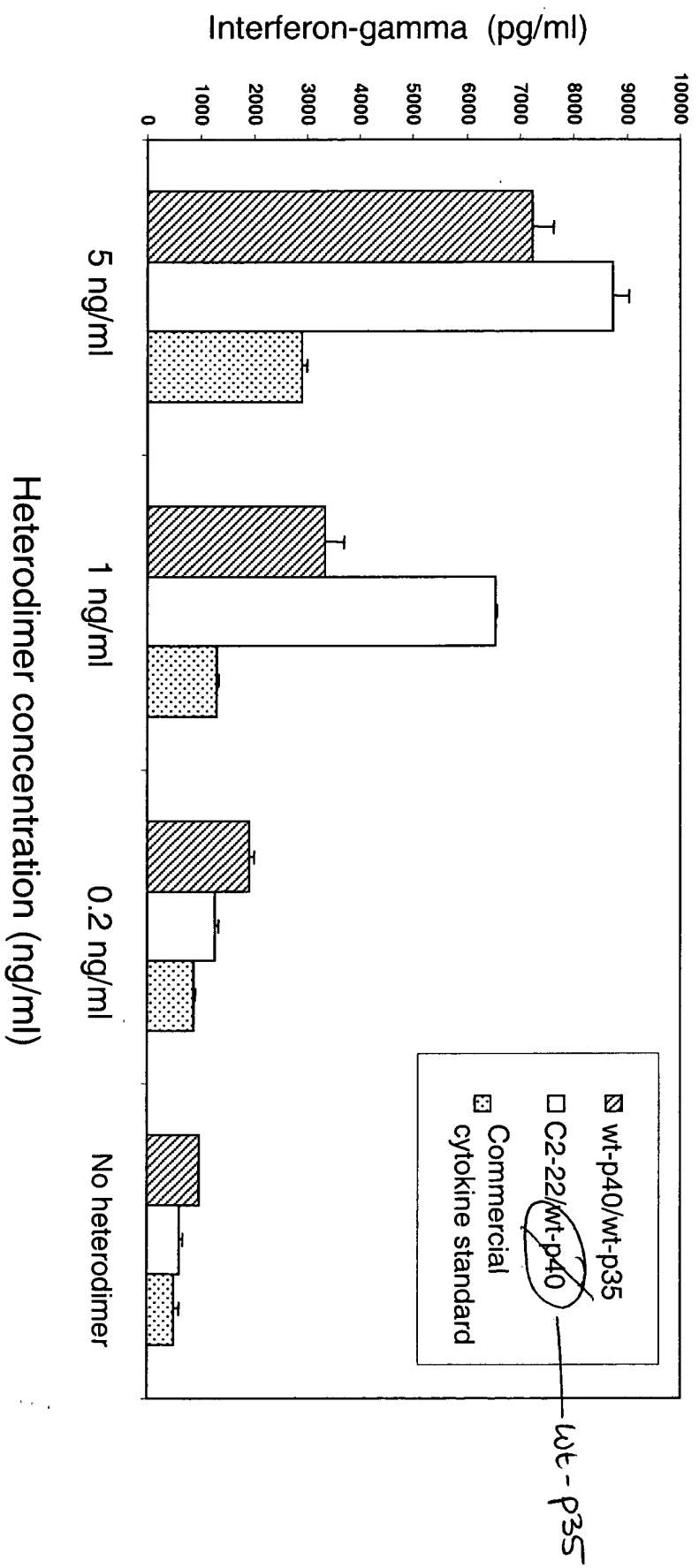


Fig. 10

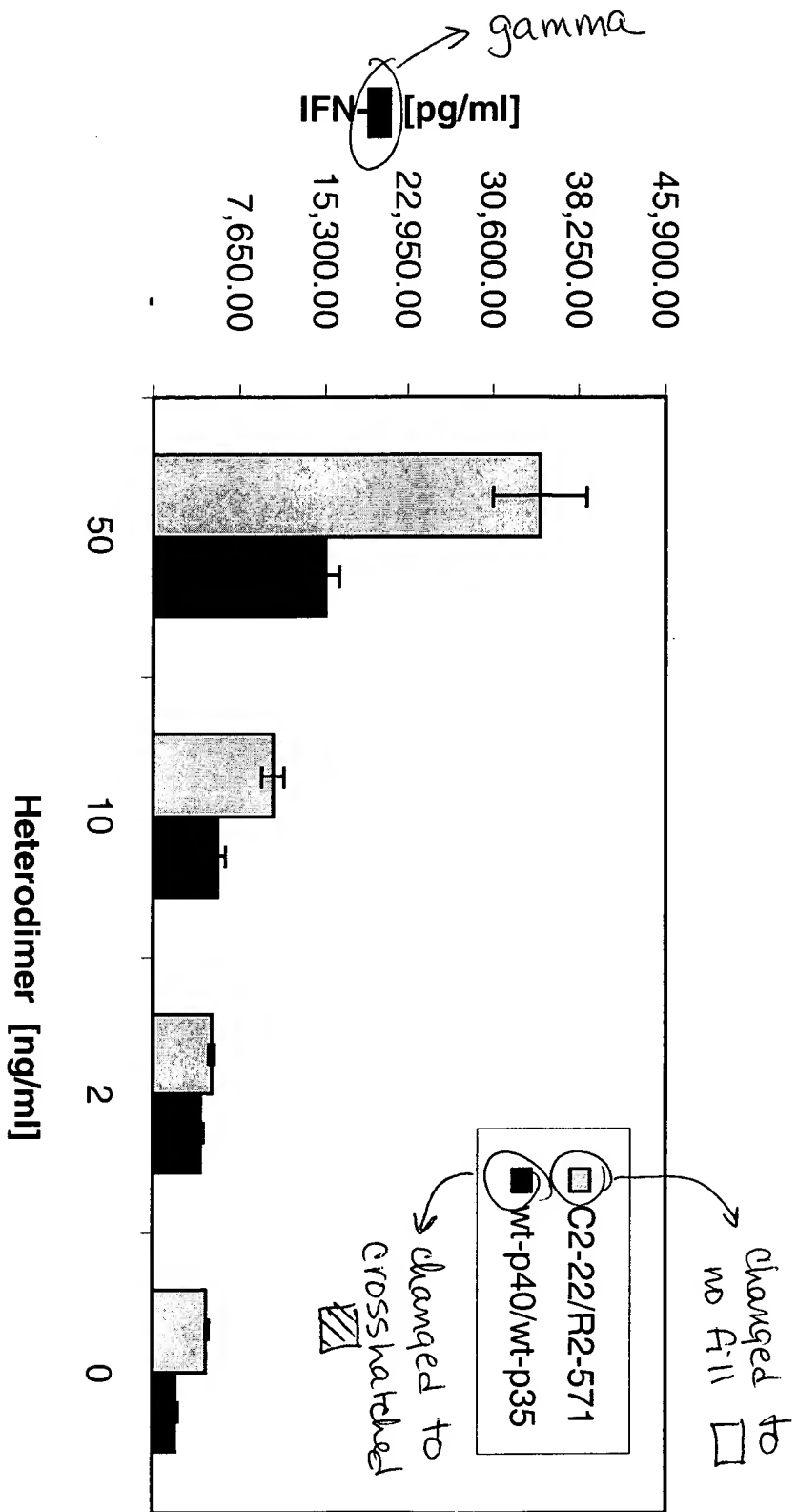


Fig. 13



SEQ 15	(1)	MCHQQLVISWFSLVFLASPLVAIWELKKDVVVVELDWYPDAPGEMVVLTCDTPEEDGITWTLT	70
SEQ 08	(1)	MCHQQLVISWFSLVFLASPLVAIWELKKDVVVVELDWYPDAPGEMVVLTCDTPEEDGITWTLT	
SEQ 09	(1)	MCHQQLVISWFSLVFLASPLVAIWELKKDVVVVELDWYPDAPGEMVVLACDTPEEDGITWTLT	
SEQ 10	(1)	MCHQQLVISWFSLVFLASPLVAIWELKKDVVVVELDWYPDAPGEMVVLACDTPEEDGITWTLT	
SEQ 11	(1)	MCHQQLVISWFSLVFLASPLVAIWELKKDVVVVELDWYPDAPGEMVVLACDTPEEDGITWTLT	
SEQ 12	(1)	MCHQQLVISWFSLVFLASPLVAIWELKKDVVVVELDWYPDAPGEMVVLACDTPEEDGITWTLT	
SEQ 13	(1)	MCHQQLVISWFSLVFLASPLVAIWELKKDVVVVELDWYPDAPGEMVVLACDTPEEDGITWTLT	
SEQ 14	(1)	MCHQQLVISWFSLVFLASPLVAIWELKKDVVVVELDWYPDAPGEMVVLACDTPEEDGITWTLT	
SEQ 15	(71)	SGKTLTIQVKEFGDAGQYTCCHKGGEVLSHLLLLLHKKEDGIWSTDILKDQKEPKNKTFLRCEAKNYSGRF	140
SEQ 08	(71)	TGKTLTIHVKEFGDAGQYTCCHKGGEVLSHLLLLLHKKEDGIWSTDILKDQKEPKNKSFLKCEAKNYSGRF	
SEQ 09	(71)	TGKTLTIHVKEFGDAGQYTCCHKGGEVLSHLLLLLHKKEDGIWSTDILKDQKEPKNKSFLKCEAKNYSGRF	
SEQ 10	(71)	TGKTLTIHVKEFGDAGQYTCCHKGGEVLSHLLLLLHKKEDGIWSTDILKDQKEPKNKSFLKCEAKNYSGRF	
SEQ 11	(71)	TGKTLTIHVKEFGDAGQYTCCHKGGEVLSHLLLLLHKKEDGIWSTDILKDQKEPKNKSFLKCEAKNYSGRF	
SEQ 12	(71)	TGKTLTIHVKEFGDAGQYTCCHKGGEVLSHLLLLLHKKEDGIWSTDILKDQKEPKNKSFLKCEAKNYSGRF	
SEQ 13	(71)	TGKTLTIHVKEFGDAGQYTCCHKGGEVLSHLLLLLHKKEDGIWSTDILKDQKEPKNKSFLKCEAKNYSGRF	
SEQ 14	(71)	TGKTLTIHVKEFGDAGQYTCCHKGGEVLSHLLLLLHKKEDGIWSTDILKDQKEPKNKSFLKCEAKNYSGRF	
SEQ 15	(141)	TCWWLTTISTDLTF SVKSSRGSSDPQGVTCGAATLSAERVGRDN-KEYEYSVEQEDSACPAAEESLP	209
SEQ 08	(141)	TCWWLTTISTDLTF SVKSSRGSSDPQGVTCGAATLSAERVGRDN-KEYEYSVEQEDSACPAAEESLP	
SEQ 09	(141)	TCWWLTTISTDLTF SVKSSRGSSDPQGVTCGAATLSAERVGRDN-KEYEYSVEQEDSACPAAEESLP	
SEQ 10	(141)	TCWWLTTISTDLTF SVKSSRGSSDPQGVTCGAATLSAERVGRDN-KEYEYSVEQEDSACPAAEESLP	
SEQ 11	(141)	TCWWLTTISTDLTF SVKSSRGSSDPQGVTCGAATLSAERVGRDN-KEYEYSVEQEDSACPAAEESLP	
SEQ 12	(141)	TCWWLTTISTDLTF SVKSSRGSSDPQGVTCGAATLSAERVGRDN-KEYEYSVEQEDSACPAAEESLP	
SEQ 13	(141)	TCWWLTTISTDLTF SVKSSRGSSDPQGVTCGAATLSAERVGRDN-KEYEYSVEQEDSACPAAEESLP	
SEQ 14	(141)	TCWWLTTISTDLTF SVKSSRGSSDPQGVTCGAATLSAERVGRDN-KEYEYSVEQEDSACPAAEESLP	

Fig. 1A

SEQ 15	(210)	VMVDAVHKLKYENYTS	FF	FIR	I	IK	PD	PP	KN	LQ	LK	PL	KN	SR	QV	EV	SW	EP	DT	WT	ST	PH	SF	SL	TF	CV	QV	Q	279
SEQ 08	(206)	VMLEAVHKLKYENYTS	FF	FIR	I	IK	PD	PP	KN	LQ	LK	PL	KN	SR	HVE	SV	GC	YP	DT	WT	ST	PH	SF	SL	TF	CV	QV	Q	
SEQ 09	(211)	VMLEAVHKLKYENYTS	FF	FIR	I	IK	PD	PP	KN	LQ	LK	PL	KN	SR	QV	EV	SW	EP	DT	WT	ST	PH	SF	SL	TF	CV	QV	Q	
SEQ 10	(211)	VVVDAT	HHKLKYENYTS	FF	FIR	I	IK	PD	PP	KN	LQ	LK	PL	KN	SR	QV	EV	SW	EP	DT	WT	ST	PH	SF	SL	TF	CV	QV	Q
SEQ 11	(211)	VVVDAT	HHKLKYENYTS	FF	FIR	I	IK	PD	PP	KN	LQ	LK	PL	KN	SR	HVE	SV	GC	YP	DT	WT	ST	PH	SF	SL	TF	CV	QV	Q
SEQ 12	(206)	VMLEAVHKLKYENYTS	FF	FIR	I	IK	PD	PP	KN	LQ	LK	PL	KN	SR	QV	EV	SW	EP	DT	WT	ST	PH	SF	SL	TF	CV	QV	Q	
SEQ 13	(206)	VMLEAVHKLKYENYTS	FF	FIR	I	IK	PD	PP	KN	LQ	LK	PL	KN	SR	HVE	SV	GC	YP	DT	WT	ST	PH	SF	SL	TF	CV	QV	Q	
SEQ 14	(211)	VVVDAT	HHKLKYENYTS	FF	FIR	I	IK	PD	PP	KN	LQ	LK	PL	KN	SR	HVE	SV	GC	YP	DT	WT	ST	PH	SF	SL	TF	CV	QV	Q

SEQ 15	(280)	KSKREKKDRV	FTDK	TSAT	VI	CR	KN	AS	SV	RA	QD	RY	SS	SS	SW	SE	WAS	VP	CS	--	328		
SEQ 08	(276)	KSKREKKDR	FTDK	TSAT	VI	CR	KN	AK	IR	VO	AR	DR	Y	SS	SS	SW	SE	WAS	VP	CS	--		
SEQ 09	(281)	KNKREKK	LFMD	OTS	AK	VT	CH	KD	AK	IR	VO	AR	DR	Y	SS	SS	SW	SE	WAS	VP	CS	--	
SEQ 10	(281)	KNKREKK	LFMD	OTS	AK	VT	CH	KD	AK	IR	VO	AR	DR	Y	SS	SS	SW	SE	WAS	VP	CS	--	
SEQ 11	(281)	KNKREKK	LFMD	OTS	AK	VT	CH	KD	AK	IR	VO	AR	DR	Y	SS	SS	SW	SE	WAS	VP	CS	--	
SEQ 12	(276)	RNKREKK	LFMD	OTS	AK	VT	CH	KD	AK	IR	VO	AR	DR	Y	SS	SS	SW	SE	WAS	VP	CS	--	
SEQ 13	(276)	RNKREDR	LFMD	OTS	AK	VT	CH	KD	AK	IR	VO	AR	DR	Y	SS	SS	SW	SE	WAS	VP	CS	--	
SEQ 14	(281)	KNKREKKDR	LSV	DK	TS	AK	VT	CH	KD	AK	IR	VO	AR	DR	Y	SS	SS	SW	SE	WAS	VP	CS	--

Fig. 1B

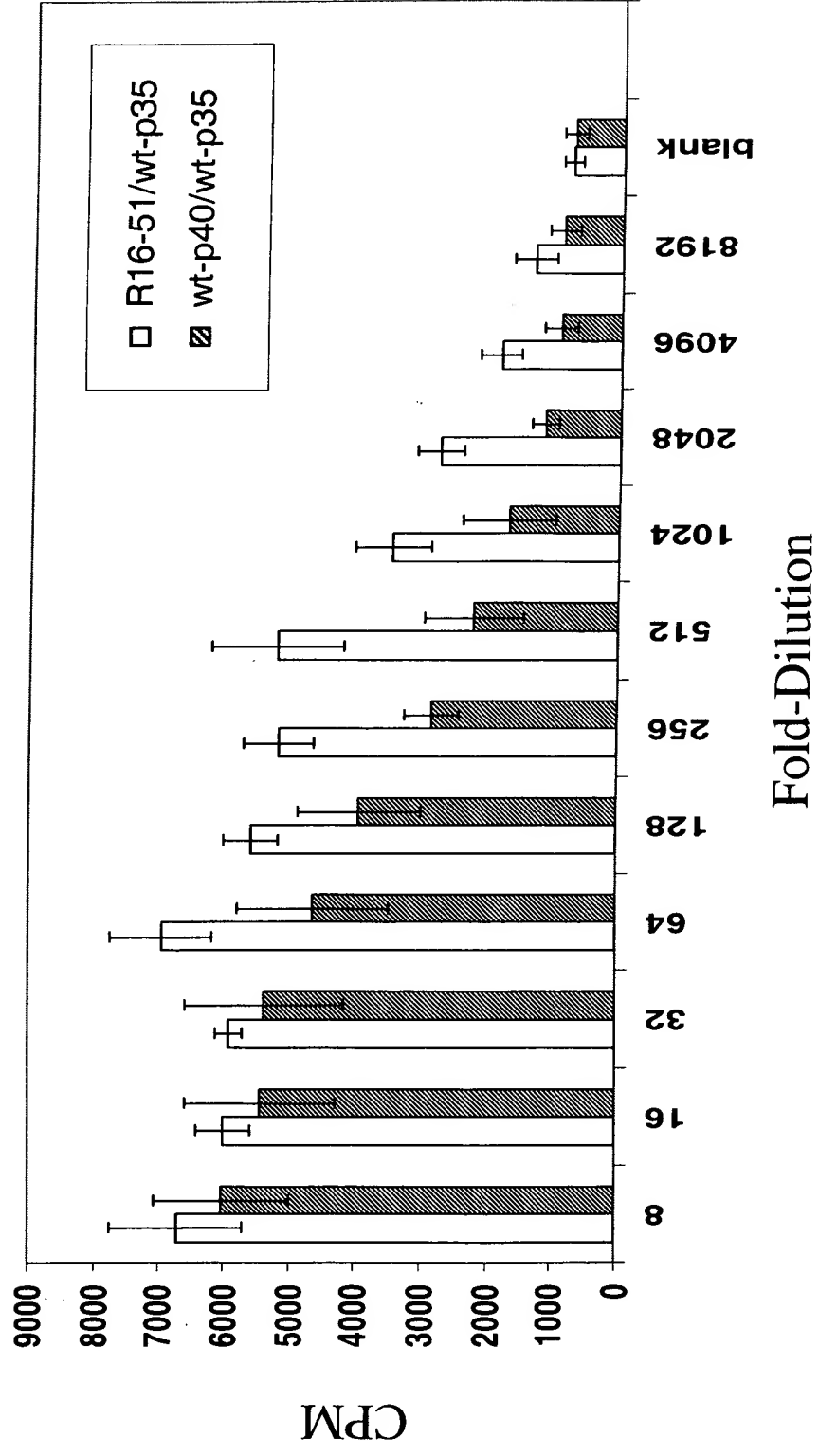


Fig. 2

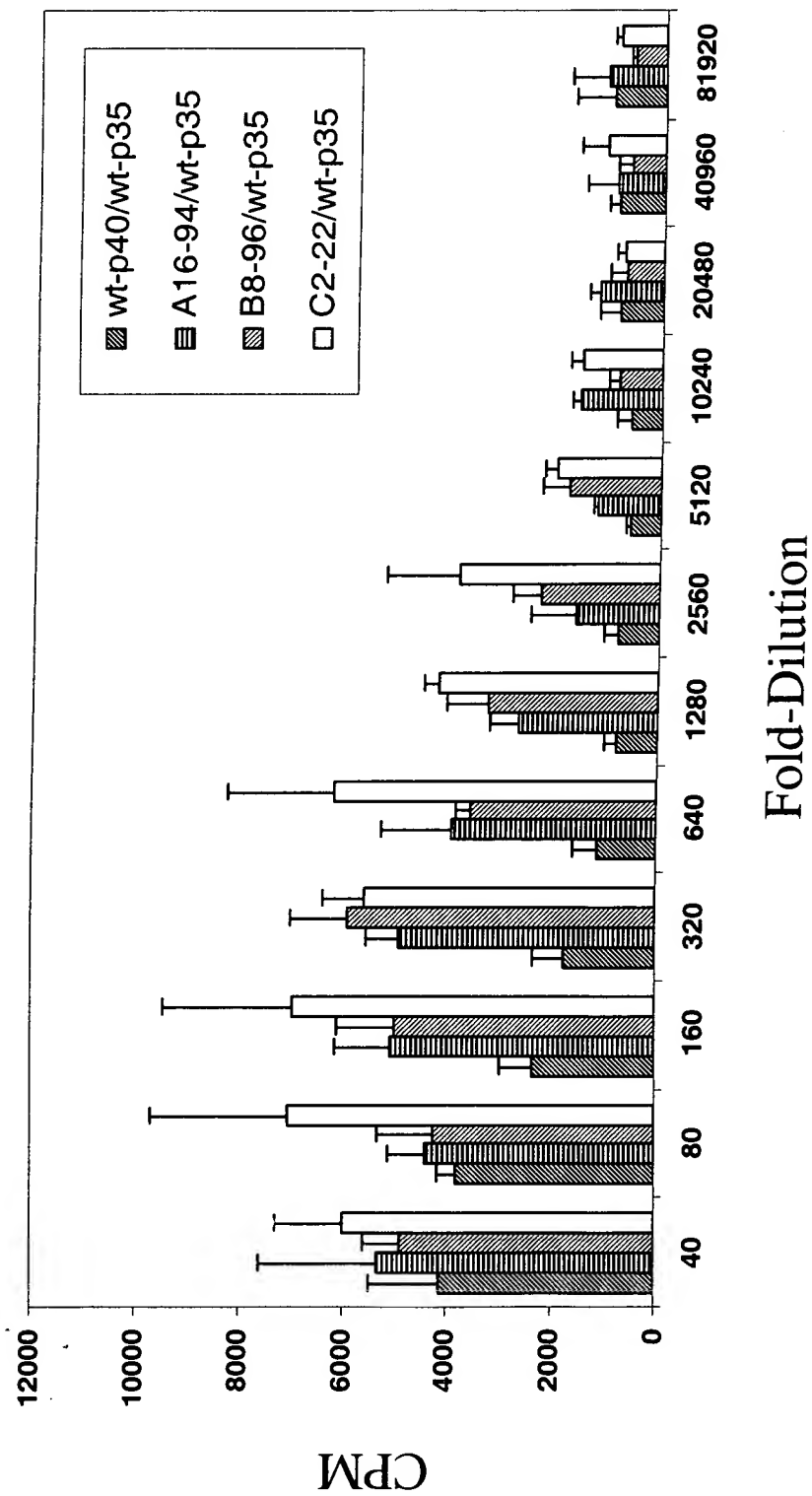


Fig. 3

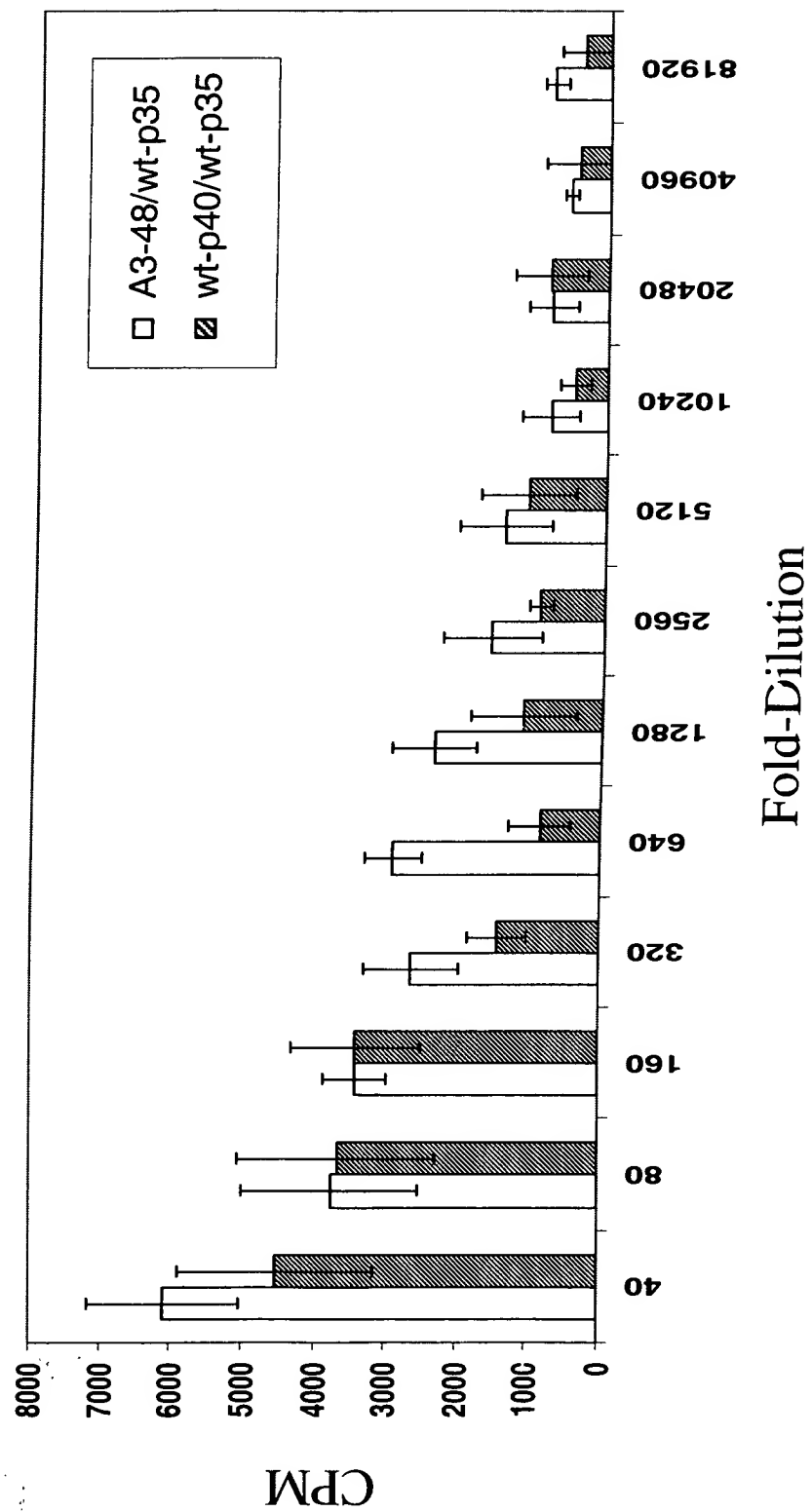


Fig. 4

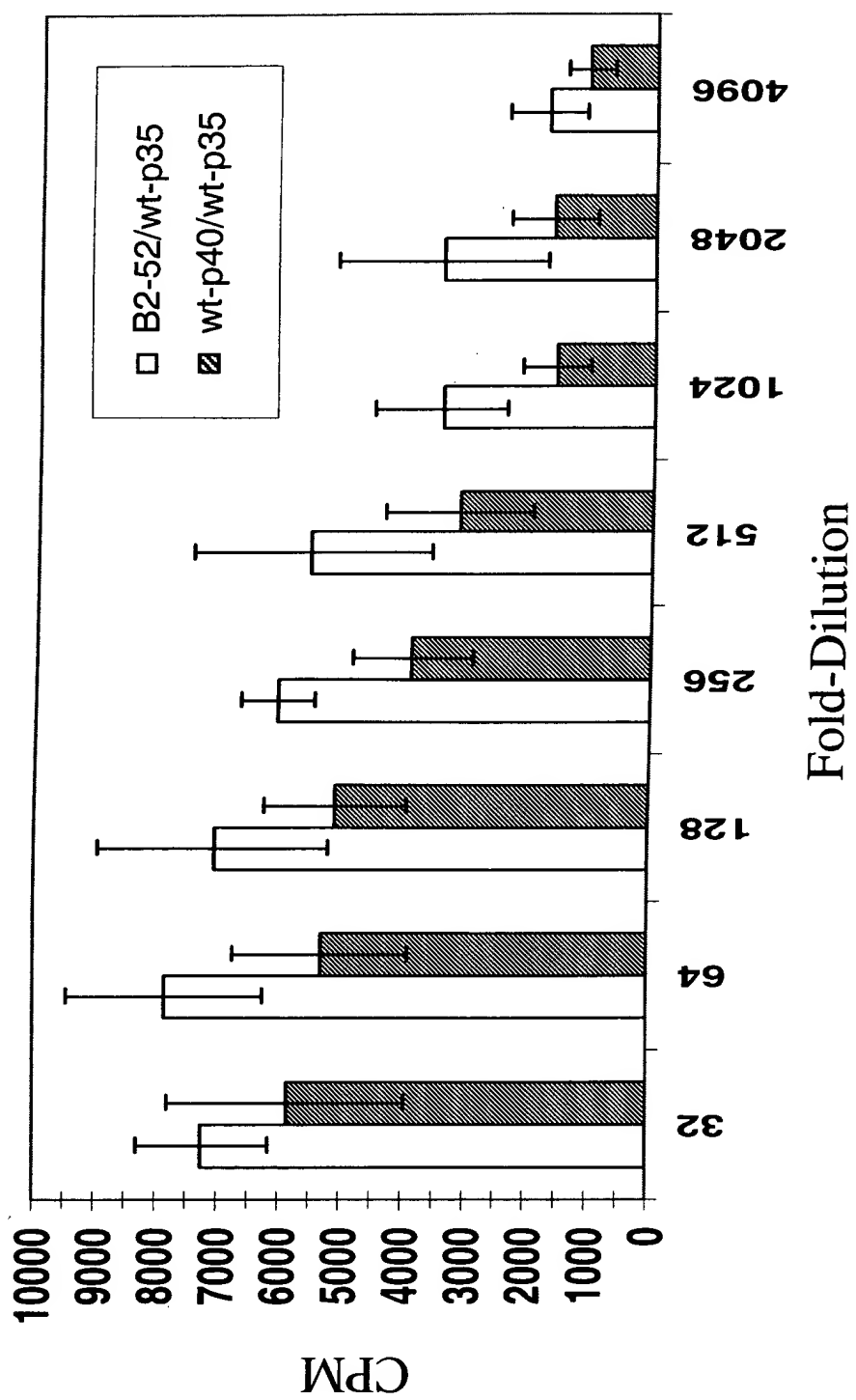


Fig. 5

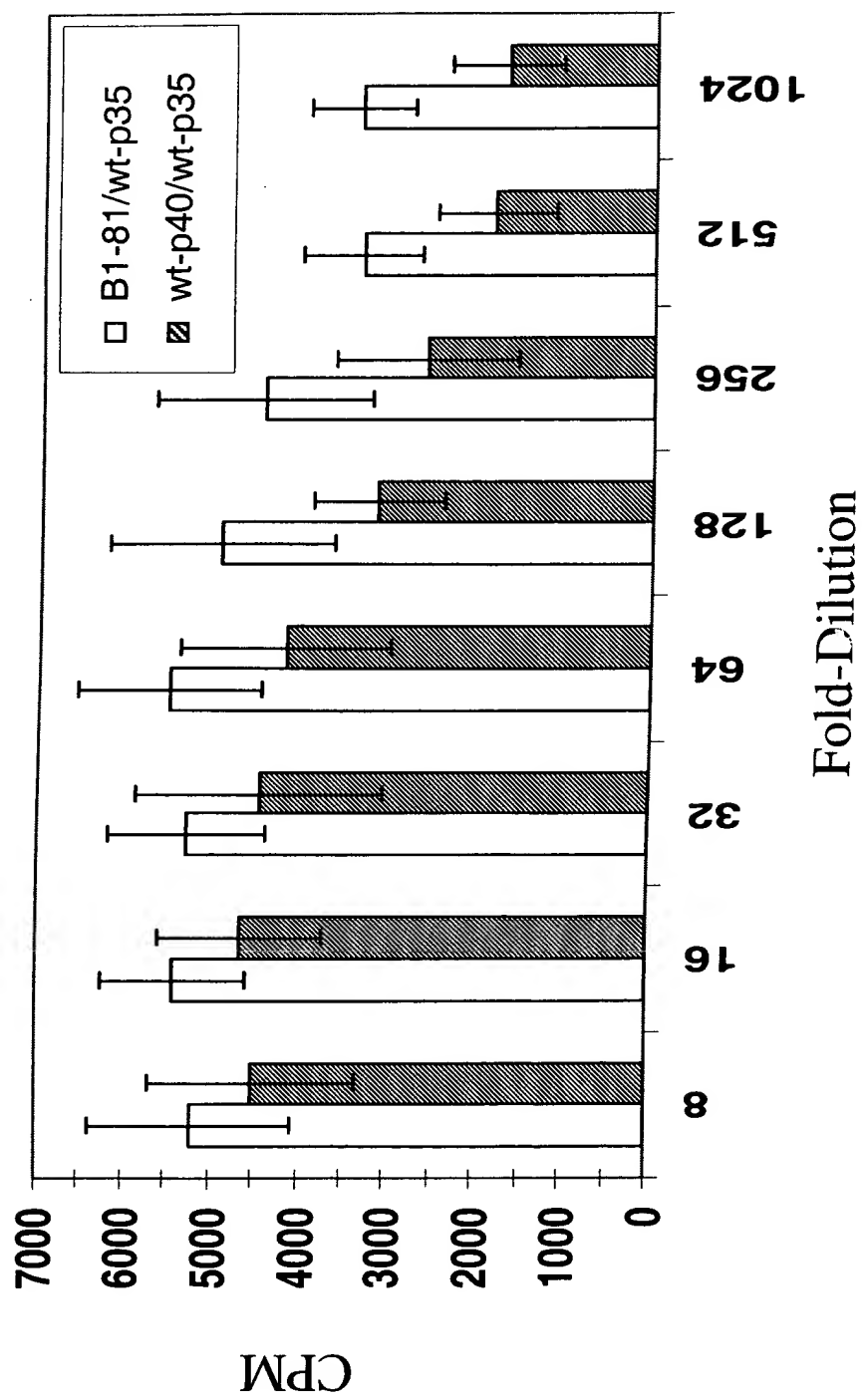


Fig. 6

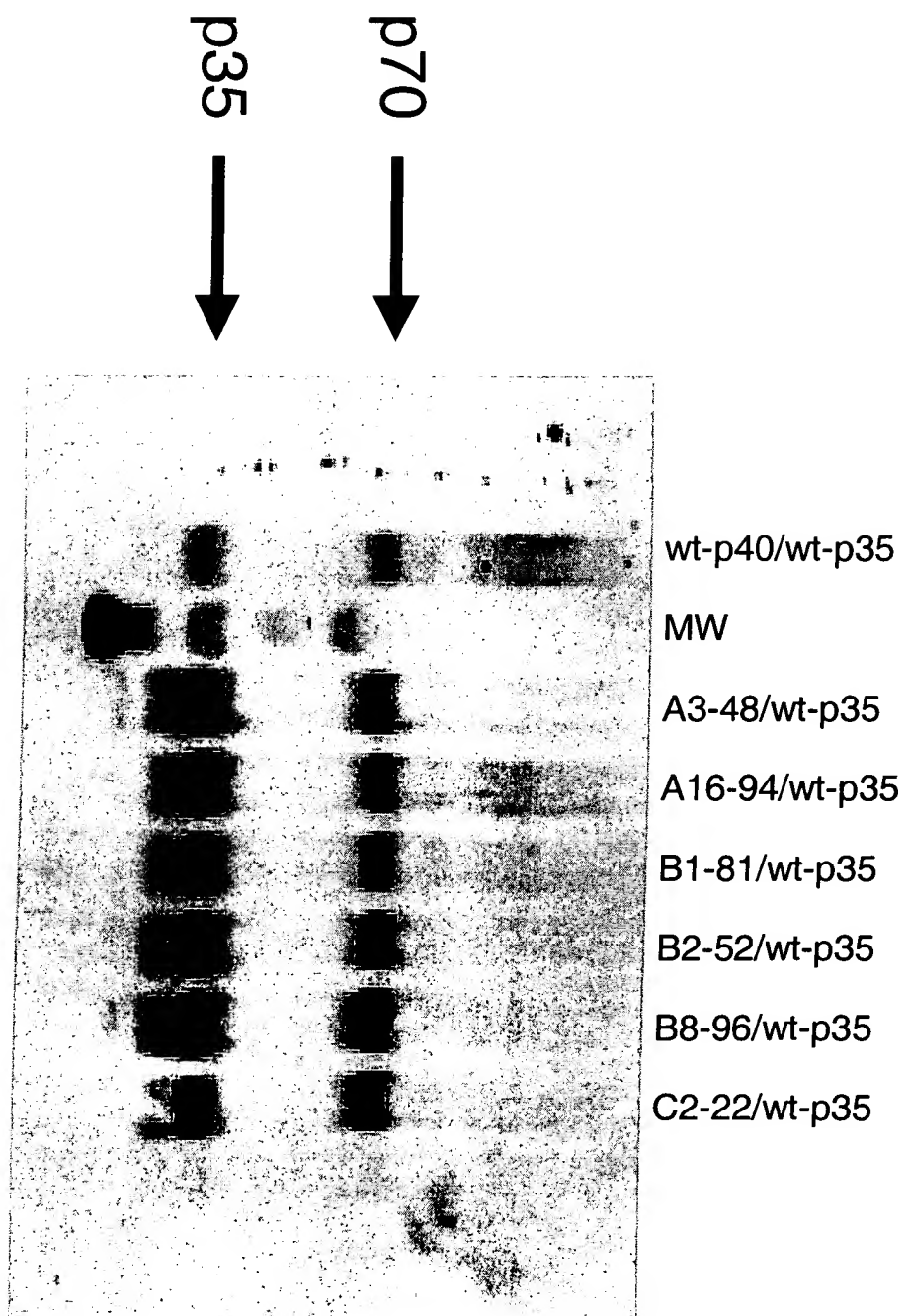


Fig. 7

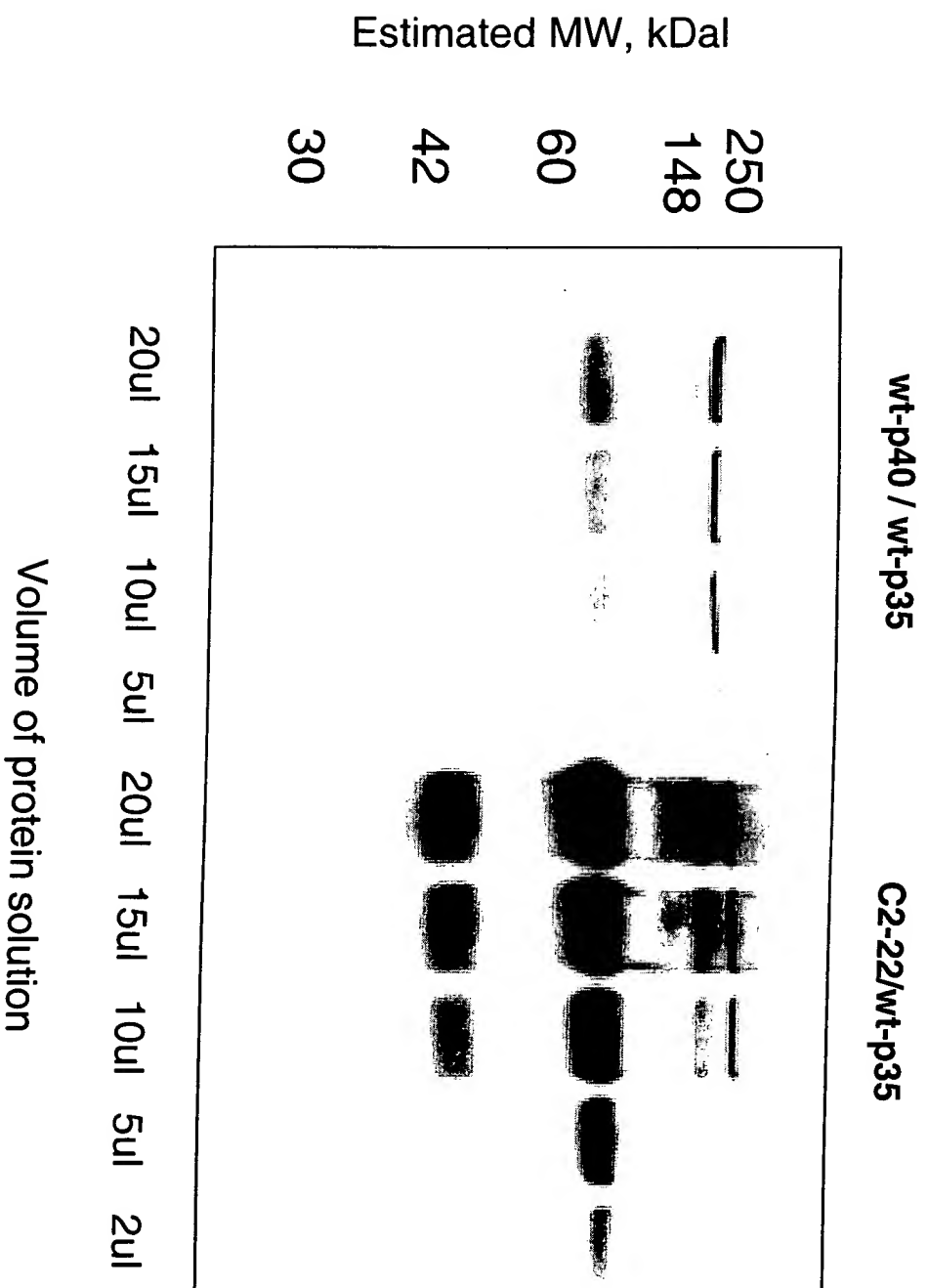


Fig. 8

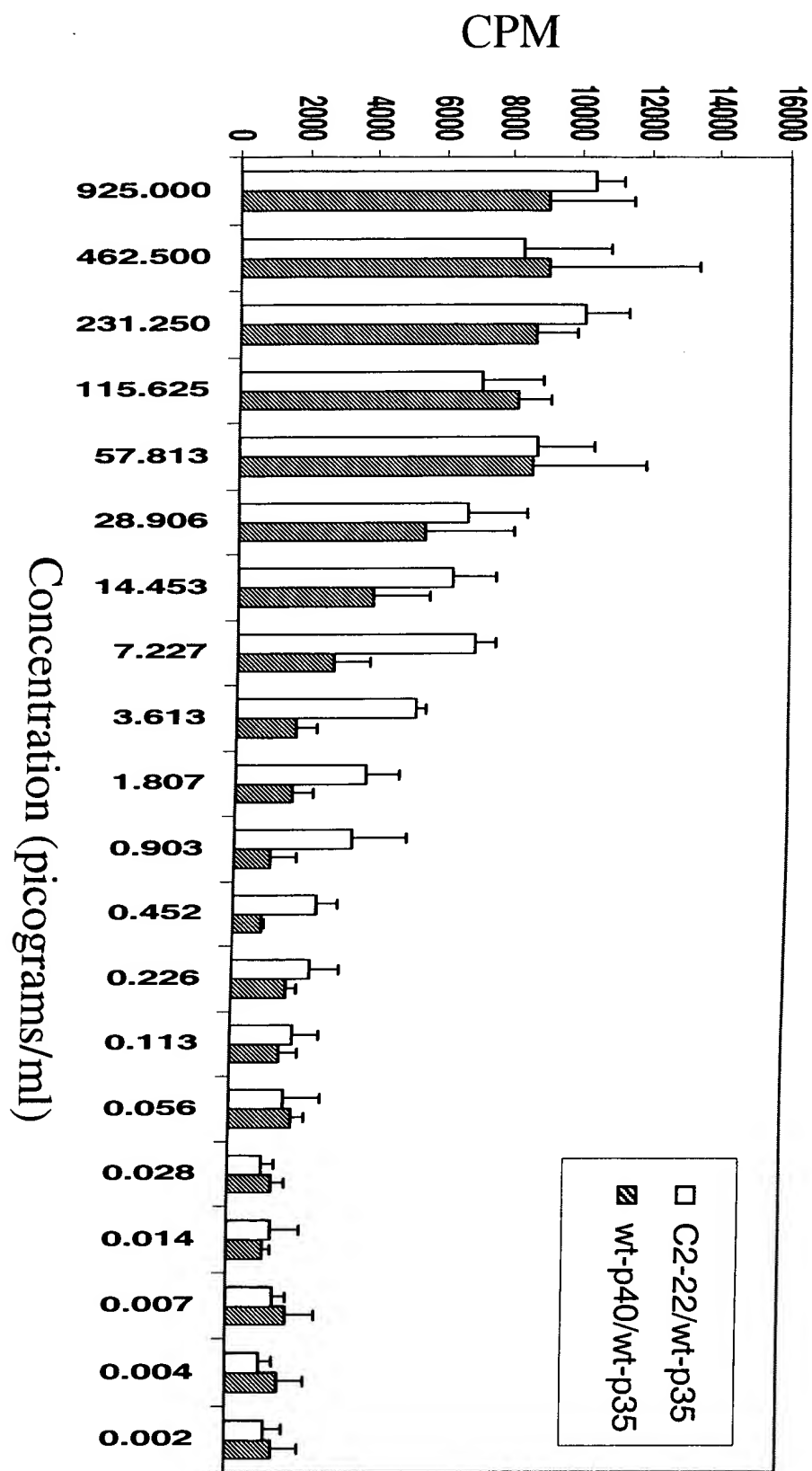


Fig. 9

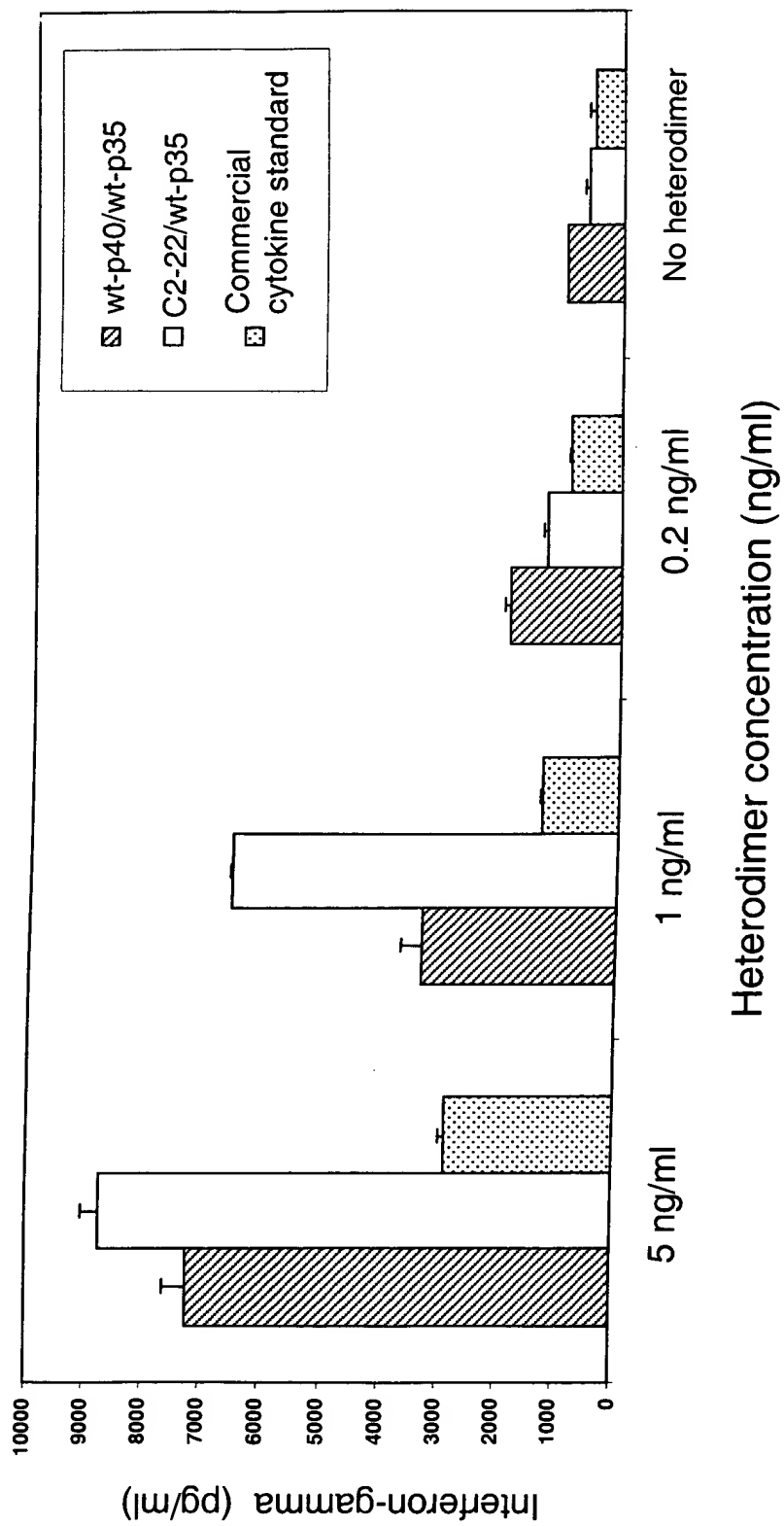


Fig. 10



1 2223 67
SEQ_36 (1) MCPARSLLLVATLVLLDHL---SLARNLPVATPDPGMPCLHHSQNLLRAVSNMLQKARQTLFYPCTSE
SEQ_26 (1) MCPARSLLLISITLVLLHHLPHISLGRSLPTITASPGRS-CLDYSONLLKAAASNMLQKARQTLFYPCTSE
SEQ_27 (1) MPPARSLLLISITLVLLHHLPHISLGRSLPTITASPGRS-CLDYSONLLKAAASNMLQKARQTLFYPCTSE
SEQ_28 (1) MCPARSLLLISITLVLLHHLPHISLGRSLPTITASPGRS-CLDYSONLLKAAASNMLQKARQTLFYPCTSE
SEQ_29 (1) MCPARSLLLISITLVLLHHLPHISLGRSLPTITASPGRS-CLDYSONLLKAAASNMLQKARQTLFYPCTSE
SEQ_30 (1) MCPARSLLLISITLVLLHHLPHISLGRSLPTITASPGRS-CLDYSONLLKAAASNMLQKARQTLFYPCTSE
SEQ_31 (1) MCPARSLLLISITLVLLHHLPHISLGRSLPTITASPGRS-CLDYSONLLKAAASNMLQKARQTLFYPCTSE
SEQ_32 (1) MCPARSLLLISITLVLLHHLPHISLGRSLPTITASPGRS-CLDYSONLLKAAASNMLQKARQTLFYPCTSE
SEQ_33 (1) MCPARSLLLISITLVLLHHLPHISLGRSLPTITASPGRS-CLDYSONLLKAAASNMLQKARQTLFYPCTSE
SEQ_34 (1) MCPARSLLLISITLVLLHHLPHISLGRSLPTITASPGRS-CLDYSONLLKAAASNMLQKARQTLFYPCTSE
SEQ_35 (1) MCPARSLLLISITLVLLHHLPHISLGRSLPTITASPGRS-CLDYSONLLKAAASNMLQKARQTLFYPCTSE

68 137
SEQ_36 (68) EIDHEDITKDKTSTVEACLPLELTKNESCLNSRETSTFITNGSCLASRKTSMMLCLSSIIYEDLKMYQVE
SEQ_26 (70) EIDHEDITKDKTSTVEACLPLELTKNESCLNSRETSTFITNGSCLASRKTSMMLCLSSIIYEDLKMYQVE
SEQ_27 (70) EIDHEDITKDKTSTVEACLPLELTKNESCLNSRETSTFITNGSCLASRKTSMMLCLSSIIYEDLKMYQVE
SEQ_28 (68) EIDHEDITKDKTSTVEACLPLELTKNESCLNSRETSTFITNGSCLASRKTSMMLCLSSIIYEDLKMYQVE
SEQ_29 (68) EIDHEDITKDKTSTVEACLPLELTKNESCLNSRETSTFITNGSCLASRKTSMMLCLSSIIYEDLKMYQVE
SEQ_30 (68) EIDHEDITKDKTSTVEACLPLELTKNESCLNSRETSTFITNGSCLASRKTSMMLCLSSIIYEDLKMYQVE
SEQ_31 (68) EIDHEDITKDKTSTVEACLPLELTKNESCLNSRETSTFITNGSCLASRKTSMMLCLSSIIYEDLKMYQVE
SEQ_32 (68) EIDHEDITKDKTSTVEACLPLELTKNESCLNSRETSTFITNGSCLASRKTSMMLCLSSIIYEDLKMYQVE
SEQ_33 (68) EIDHEDITKDKTSTVEACLPLELTKNESCLNSRETSTFITNGSCLASRKTSMMLCLSSIIYEDLKMYQVE
SEQ_34 (68) EIDHEDITKDKTSTVEACLPLELTKNESCLNSRETSTFITNGSCLASRKTSMMLCLSSIIYEDLKMYQVE
SEQ_35 (68) EIDHEDITKDKTSTVEACLPLELTKNESCLNSRETSTFITNGSCLASRKTSMMLCLSSIIYEDLKMYQVE

Fig. 11A

SEQ_36	(138)	FKTMNAKLLMDPKRQIFLDQNNMLAVIDELMQALNFNSETVPOKSSLEEPDFYKTKIKLCILLHAFRIRAV	207
SEQ_26	(140)	FKTMNAKLLMDPKRQIFLDQNNMLAVIDELMQALNFNSETVPOKSSLEEPDFYKTKIKLCILLHAFRIRAV	
SEQ_27	(140)	FKTMNAKLLMDPKRQIFLDQNNMLAVIDELMQALNFNSETVPOKSSLEEPDFYKTKIKLCILLHAFRIRAV	
SEQ_28	(138)	FKTMNAKLLMDPKRQIFLDQNNMLAVIDELMQALNFNSETVPOKSSLEEPDFYKTKIKLCILLHAFRIRAV	
SEQ_29	(138)	FKTMNAKLLMDPKRQIFLDQNNMLAVIDELMQALNFNSETVPOKSSLEEPDFYKTKIKLCILLHAFRIRAV	
SEQ_30	(138)	FKTMNAKLLMDPKRQIFLDQNNMLAVIDELMQALNFNSETVPOKSSLEEPDFYKTKIKLCILLHAFRIRAV	
SEQ_31	(138)	FKTMNAKLLMDPKRQIFLDQNNMLAVIDELMQALNFNSETVPOKSSLEEPDFYKTKIKLCILLHAFRIRAV	
SEQ_32	(138)	FKTMNAKLLMDPKRQIFLDQNNMLAVIDELMQALNFNSETVPOKSSLEEPDFYKTKIKLCILLHAFRIRAV	
SEQ_33	(138)	FKTMNAKLLMDPKRQIFLDQNNMLAVIDELMQALNFNSETVPOKSSLEEPDFYKTKIKLCILLHAFRIRAV	
SEQ_34	(138)	FKTMNAKLLMDPKRQIFLDQNNMLAVIDELMQALNFNSETVPOKSSLEEPDFYKTKIKLCILLHAFRIRAV	
SEQ_35	(138)	FKTMNAKLLMDPKRQIFLDQNNMLAVIDELMQALNFNSETVPOKSSLEEPDFYKTKIKLCILLHAFRIRAV	

	208	219
SEQ_36	(208)	TIDRVTSYLNAS
SEQ_26	(210)	TIDRMMSYLNGS
SEQ_27	(210)	TIDRMMSYLNGS
SEQ_28	(208)	TIDRMMSYLNGS
SEQ_29	(208)	TIDRMMSYLNGS
SEQ_30	(208)	TIDRMMSYLNGS
SEQ_31	(208)	TIDRMMSYLNGS
SEQ_32	(208)	TIDRMMSYLNGS
SEQ_33	(208)	TIDRMMSYLNGS
SEQ_34	(208)	TIDRMMSYLNGS
SEQ_35	(208)	TIDRMMSYLNGS

Fig. 11B

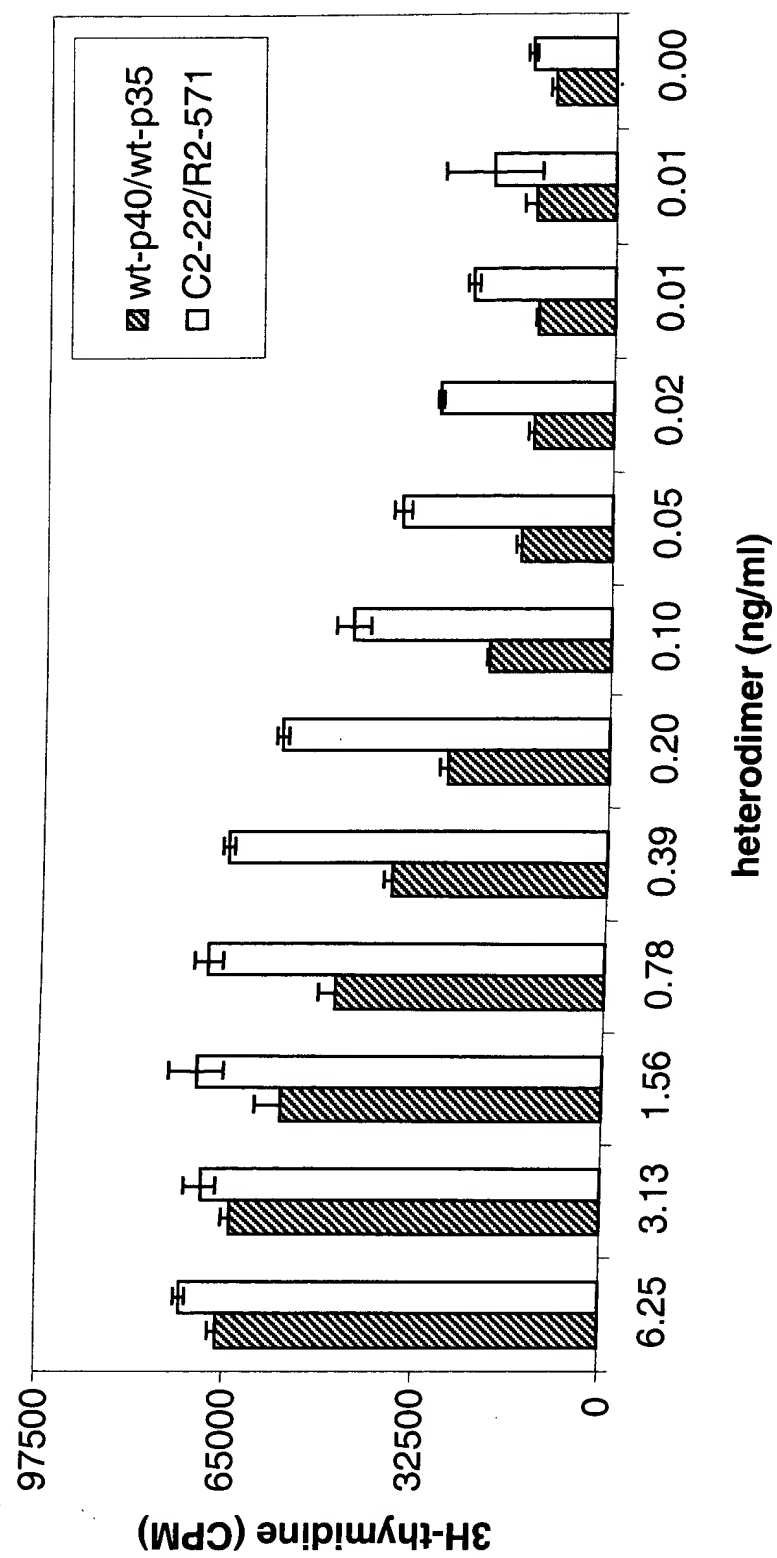


Fig. 12

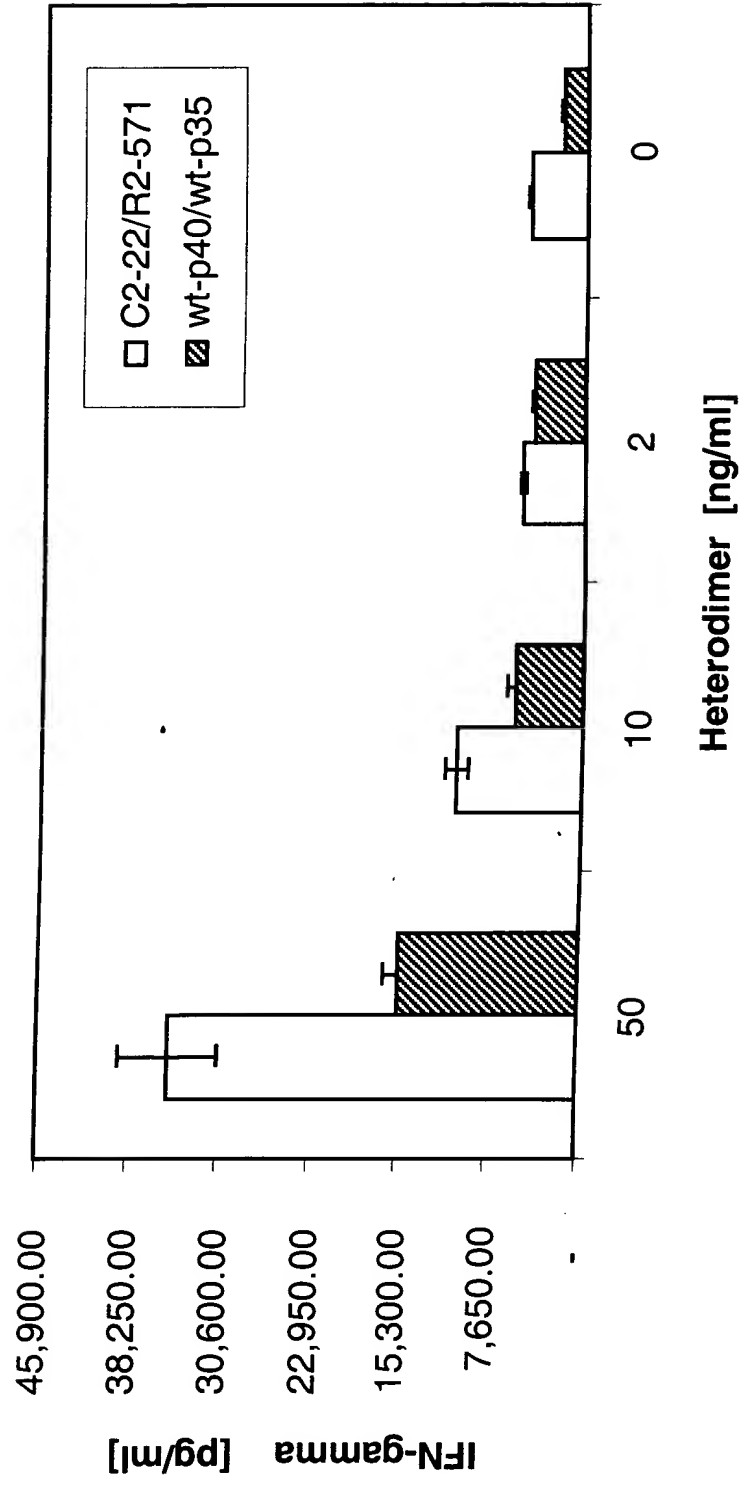


Fig. 13

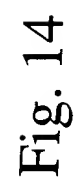


Fig. 14